

Pattullo Bridge Arch Removal Information Sheet

- The steel arch of the Pattullo Bridge will be removed on the weekend of October 9-11, 2026. This work is weather dependent.
- Strand jacks, which are specialized hydraulic linear winch systems, will be used to lower the steel arch onto barges on the Fraser River where it will be transported to the project site for further dismantling and recycling.
- The process will happen slowly over a period of approximately 48 – 60 hours.
- A closure of the main navigation channel in the Fraser River is required between the evening of October 9 and the evening of October 11. The domestic navigation channel will remain open for marine traffic with suitable height clearance.

Preparation

- Detailed deconstruction engineering design has been completed for the Pattullo Bridge deconstruction, followed by third party engineering reviews.
- Concrete components have been removed to lower the weight of the arch.
- Crews have installed temporary bracing and beams on the steel arch to support it during lowering and dismantling.
- Four large strand jacks and steel cables (strands) were installed on the temporary beams.



Deconstruction

- Barges will be assembled together to receive the lowered arch.
- Tugboats will position the barges below the arch.
- Selected steel components on the arch will be cut while supported by the strand jacks, using torches as part of a carefully managed process.
- The strand jacks will slowly lower the steel arch onto the barges. This process is dependent on weather and tides.



Contact the Project



24/7 Phone Line
1-844-815-6149



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**PATTULLO BRIDGE
REPLACEMENT**



- Once set on the barge, the steel strand will be removed and the steel arch connected to the barge.
- Tugboats will transport the barge to the trestle at the project site.
- Once the barges are docked and secured, the marine channel will re-open.

Additional Notes

- For public safety, please do not stop on the stal'əwasəm (Riverview) Bridge, enter the closed marine channel or trespass in construction sites during the arch removal.
- While the project does not have designated viewing areas, the lowering may be visible from locations along the Fraser River such as Brownsville Bar Park in Surrey and Westminster Pier Park or Albert Crescent Park in New Westminster.
- Mitigation measures are in place for noise, and to prevent demolition materials from entering sensitive environments.
- For more information about deconstruction, visit pattullobridgereplacement.ca/deconstruction.
- For more information for marine users including daily marine navigation updates, visit pattullobridgereplacement.ca/construction/current-works.

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